AMENDMENTS TO CLAIMS

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Currently Amended) A stator of a brushless motor having an inner rotor, comprising:

a coil set, having an insulating layer and a central hole, said coil set having a wiring head for connecting an electric power;

at least two pole plates, mounted on two end faces of said coil set respectively, each pole plate having inner pole faces and outer magnetically conducting rings, said inner pole faces of said two pole plates arranged in a staggered manner, said inner pole faces of each pole plate mounted in said central hole of said coil set to face a permanent magnet of the inner rotor, and said outer magnetically conducting rings of each pole plate arranged on an outer circumference of said pole plate; and

a combination member made of magnetically conductive material, said combination member being mounted to and closely combined with each of said outer magnetically conducting rings of each pole plate, said combination member encompassing said outer magnetically conducting rings to enhance magnetic conduction and isolation of the stator from other components of the motor.

6. (Currently Amended) A stator of a brushless motor having an outer rotor, comprising:

a coil set, having an insulating layer and a central hole, said coil set having a wiring head for connecting an electric power;

at least two pole plates, mounted on two end faces of said coil set respectively, each pole plate having outer pole faces and inner magnetically conducting plates, said outer pole faces and said ~~two pole plates~~ inner magnetically conducting plates arranged in a staggered manner respectively, said pole faces of each pole plate mounted on an outer periphery of said coil set, and said inner magnetically conducting plates of each pole plate mounted in said central hole of said coil set to face a permanent magnet of the outer rotor; and

a combination member made of magnetically conductive material, said combination member being mounted to and closely combined with each of said inner magnetically conducting plates of each pole plate such that said combination member extends through an entire thickness of said stator and abuts against said inner magnetically conducting plates for enhancing magnetic conduction and isolation.

7. (Previously Presented) The stator of a brushless direct current motor as claimed in claim 6, wherein a number of said pole plates mounted on two end faces of said coil set is more than two, and said pole faces of each of said pole plates at the same side are adjacent to each other, locally overlap each other, or overlap each other.

8. (Previously Presented) The stator of a brushless direct current motor as claimed in claim 6, wherein a number of said pole plates mounted on two end faces of said coil set is more than two, and said magnetically conducting plates of each of said pole plates on the same side are adjacent to each other, locally overlap each other, or overlap each other.